

Title (en)
LIGHT SOURCES

Title (de)
LICHTQUELLEN

Title (fr)
SOURCES DE LUMIERE

Publication
EP 0763253 A1 19970319 (EN)

Application
EP 95918088 A 19950510

Priority
• GB 9501064 W 19950510
• GB 9410872 A 19940531

Abstract (en)
[origin: GB2290132A] A light source suitable for use in a projection system is described. The light source is in a form of an arc lamp including an arc gap 201 defined between an anode 203 and a cathode 205. The arc gap 201 is positioned at the focal point of a parabolic reflector 207 which is truncated at its focal plane FP. A spherical reflector 211 oppositely directed to the parabolic reflector 207 and concentric with the focal point of the parabolic reflector 207 is arranged so as to direct light from the arc which has not been intercepted by the parabolic reflector back into the arc gap.
<IMAGE>

IPC 1-7
H01J 61/02; **H01J 61/98**; **F21V 7/09**

IPC 8 full level
F21V 7/09 (2006.01); **H01J 61/02** (2006.01); **H01J 61/35** (2006.01); **H01J 61/86** (2006.01); **H01J 61/98** (2006.01)

CPC (source: EP US)
F21V 7/09 (2013.01 - EP US); **H01J 61/025** (2013.01 - EP US); **H01J 61/86** (2013.01 - EP US); **H01J 61/98** (2013.01 - EP US)

Citation (search report)
See references of WO 9533280A1

Designated contracting state (EPC)
AT BE DE DK FR GB IT NL SE

DOCDB simple family (publication)
GB 2290132 A 19951213; **GB 9410872 D0 19940720**; EP 0763253 A1 19970319; JP H10502208 A 19980224; US 5869920 A 19990209; WO 9533280 A1 19951207

DOCDB simple family (application)
GB 9410872 A 19940531; EP 95918088 A 19950510; GB 9501064 W 19950510; JP 50047396 A 19950510; US 75021296 A 19961127